

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A method of colour correcting a sensed image before printing by a hand held camera system, said camera system including:

an image sensor device for sensing an image;

a printing system including an inkjet printhead for printing out said sensed image, the image sensor and the printhead being operable in different colour spaces; and

a processing means for ~~processing~~ colour correcting said sensed image and colour converting the sensed image from the colour space of the image sensor to the colour space of the printhead, the processing means storing a colour look up table for each of the colour components for use during per channel colour conversion of the sensed image; and
~~a printing system including an inkjet printhead for printing out said sensed image; wherein~~ the method of colour correcting said sensed image before printing comprises:

receiving input from a user indicating that the image is to be sensed;

in response to the input, utilizing said image sensor device to sense a first image of a first scene;

processing said first image to determine colour characteristics of said first image;

utilizing said image sensor device without further user input to sense a second image of said same first scene, in rapid succession to said first image, wherein content of said second image is substantially identical to said first image;

~~applying per channel colour correction to said second image based on the determined colour characteristics of said first image~~ deriving a single matrix multiplication for application to each pixel of the sensed image on a per channel basis to simultaneously colour correct and colour convert the sensed image; and

printing out said second image by said inkjet printhead.

2. (Previously presented) A method as claimed in claim 1 wherein said second image is sensed within 1 second of said first image.
3. (Previously presented) A method as claimed in claim 1 wherein said processing step includes examining intensity characteristics of said first image on a per color basis.
4. (Original) A method as claimed in claim 1 wherein said processing step includes determining a maximum and minimum intensity of said first image and utilizing said intensities to rescale the intensities of said second image.